D-Link®
Building Networks for People

Enable VoIP For The Home

DVG-2001S

- Enable VoIP Instantly
- Integrated QoS To Prevent Dropped Calls And Deliver Superior Voice Quality
- Secured Remote Web-Based Access For Configuration
- Easy To Implement With SIP Voice Protocol
- Compact In Size, No Constraints During Installation

IP Telephony Terminal Adapter

D-Link, an industry leader in networking, introduces DVG-2001S VoIP Telephone Terminal Adapter for the home environment. The DVG-2001S converts any existing analog (cord or cordless) telephone into an IP Phone. Also by plugging in a FAX machine, the DVG-2001S will enable users to send and receive fax the same way as a traditional analog telephone line.

The DVG-2001S supports the SIP protocol, which is the widely deployed by VoIP providers on the market. It also supports the most popular audio CODECs to ensure compatibility and voice quality.

The DVG-2001S comes with one FXS port to connect to the existing analog telephone and one Fast Ethernet port to connect to the broadband router.

With a built-in secured provisioning feature, VoIP service providers can configure service settings such as a server address, CODEC and STUN settings via HTTPS/TFTP directly to the DVG-2001S.

For additional security, all of the configuration settings are encrypted. Only the VoIP service providers/resellers with the authenticated password and user name can access it.

The DVG-2001S features both the VAD (Voice Activity Detection) and CNG (Comfort Noise Generation) to reduce the bandwidth consumption and to sustain voice quality.

The DVG-2001S has a built-in QoS setting to provide voice priority in IP networks and prevent dropped calls. By delivering a consistent quality of service, resellers will avoid having frustrated customers from switching to another VoIP service provider.

The DVG-2001S is the ideal VoIP adapter solution that will help VoIP service providers or resellers with all of the required attributes to grow and retain customers by delivering a robust and consistent VoIP solution.

IP Telephony Terminal Adapter

SPECIFICATIONS

Standards
- IP, TCP, UDP, ARP, HTTP

Connection Port
- RJ-11, FXS Port
- RJ-45 Ethernet Port

Ethernet Port
- IEEE 802.3 for 10M Ethernet
- IEEE 802.3u for 100M Ethernet

Telephony Support:
- SIP Call Control Protocol
- Supports Audio CODEC:
  G.711 (A-law and U-law)
  G.723.1
  G.726
  G.729A
G.168 (Echo Cancellation)
- DTMF Relay
  G.711 (In Band)
  RFC2833

Device Management
- TFTP Client
- HTTP Web Interface

Configuration/Management
- DHCP (Dynamic Host Configuration Protocol) RFC2131
- Embedded Web Server HTTP1.0 (RFC1945)
- Auto-Provisioning Via Automated Centralized Configuration File
- Configuration Restore/Backup
- TELNET
- TFTP Client
- Performance Monitor DSP/Ethernet Statistics

Quality of Service (QoS)
- TOS-Type of Service Supports 3 Levels:
  Normal
  Signaling
  RTP Packets

Security
- SIP Authentication with Password Encryption
- HTTP Digest Authentication
- Configuration Download Using HTTPS and SSL/TLS Clients Certification Encryption and Authentication
- Encryption of Configuration File
- VoIP NAT Traversal (SIP/STUN)

Fax Support
- FAX Relay
  PCM (G.711)

LEDs
- Power ON/OFF
- LAN Link & Activity
- Phone ON/OFF Hook & Ringing

Power
- External AC Power Adapter
- Output: 12V AC, 1.2A

Temperature
- Operation: 0o C to 40o C
- Storage: -10o C to 55o C

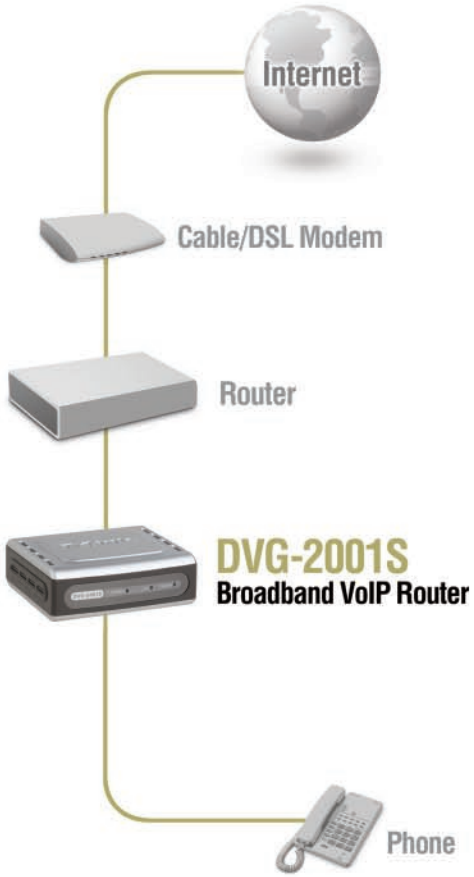
Humidity
- 5% to 95% Non-Condensing

Certifications
- EMC: FCC Class B, VCCI Class B, CE Class B
- UL/CUL

Dimensions
- 90mm x 82.46mm x 31mm (WxDxH)

Warranty
- One Year Limited Warranty

The DVG-2001S is a cost-effective and reliable analog telephone adapter for VoIP providers to bundle along with their VoIP service and offer it to the home users.



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